AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claim 1 (Previously Presented): A data storage device in a form factor assembly not greater than three and one half inches comprising:

a data disc rotatably mounted on a baseplate;

an actuator arm adjacent to the data disc carrying a transducer for reading data from and writing data to the data disc;

a printed circuit board (PCB) fastened to the baseplate having a servo controller in operable communication with the actuator arm for moving the actuator arm over the data disc;

a central processing unit (CPU) mounted to the PCB generating control signals to the servo controller and running an operating system; and

memory storing an application program operably connected to the CPU, whereby the application program is run by the CPU.

Claim 2 (Original): The data storage device of claim 1 wherein the data storage device is connected to a communications network, further comprising:

an input/output module communicating to a node connected to the communications network.

Claim 3 (Original): The data storage device of claim 2 wherein the input/output module includes a network interface module operable to communicate to a node on the network using a hypertext transport protocol.

Claim 4 (Original): The data storage device of claim 3 wherein the input/output module further includes a video interface module operable to drive a video monitor via the communications network.

Claim 5 (Original): The data storage device of claim 4 wherein the data storage device is a three and one half inch form factor assembly.

Claim 6 (Original): The data storage device of claim 5 further comprising a file system managing file data stored on the data disc, wherein the file system is in direct communication with the servo controller.

Claim 7 (Withdrawn): A computer system comprising:

a docking station having a connector port for receiving a data storage device; and

a data storage device having a microprocessor, a memory storing an operating system operably connected to the microprocessor operable to execute application programs, whereby the microprocessor executes the operating system, an input/output module operably connected to a communications network, and a data storage disc, the data storage device connected to the connector port.

Claim 8 (Withdrawn): The computer system of claim 7 wherein the docking station includes a connection to a communications network.

Claim 9 (Withdrawn): The computer system of claim 7 wherein the input/output module operably communicates with a node on the communications network using a hypertext transport protocol.

Claim 10-12 (Canceled)

Claim 13 (Currently Amended): A data storage device in a form factor assembly not greater than three and one half inches comprising:

a microprocessor executing application programs;

a data disc;

an actuator assembly rotatably mounted adjacent the data disc for positioning transducer heads relative to the data disc;

a servo control module controlling the actuator assembly;

a memory containing ~~the~~ an operating system and operably connected to the microprocessor, whereby the microprocessor runs the operating system; and

a communication means operably connected to the microprocessor and the memory for communicating data stored on the data storage device to a node on a communications bus.

Claim 14 (Original): The data storage device of claim 13 wherein the data storage device is connected to a communications network, further comprising:

an input/output module operable to receive data from a node on the communications network.

Claim 15 (Original): The data storage device of claim 14 wherein the input/output module operably communicates with a node on the communications network using a hypertext transport protocol.

Claim 16 (Previously Presented): A data storage device having a three and one half inch form factor or less, the storage device comprising:

a data disc rotatably mounted on a baseplate;

an actuator arm adjacent to the data disc carrying a transducer for reading data from and writing data to the data disc;

a printed circuit board (PCB) within the form factor fastened to the baseplate, the PCB having a servo controller mounted thereon in operable communication with the actuator arm for moving the actuator arm over the data disc, a central processing unit (CPU) running an operating system mounted thereon generating control signals to the servo controller, and a memory mounted thereon storing an application program operably connected to the CPU, wherein the application program is run by the operating system running in the CPU.

Claim 17 (Previously Presented): The device according to claim 16 wherein the memory stores both the operating system and the application program for use by the CPU.

Claim 18 (New): An intelligent storage element comprising:

a case forming a substantially sealed environment;

a data disc mounted within the case, wherein the data disc rotates about a central axis;

an actuator arm carrying a head to read and write data to the data disc;

a central processing unit mounted within the case; and

a memory mounted within the case, wherein the memory stores an operating system, and the central processing unit runs the operating system.

Claim 19 (New): The intelligent storage element of claim 18, wherein the data disc is a magnetic data storage media.

Claim 20 (New): The intelligent storage element of claim 18, further comprising a network interface module, wherein the network interface module allows the intelligent storage element to communicate across a network.

Claim 21 (New): The intelligent storage element of claim 20, wherein the network is a local area network.

Claim 22 (New): The intelligent storage element of claim 18, wherein the case comprises a base and a top cover.

Claim 23 (New): The intelligent storage element of claim 18, wherein the operating system runs application software stored on the data disc.